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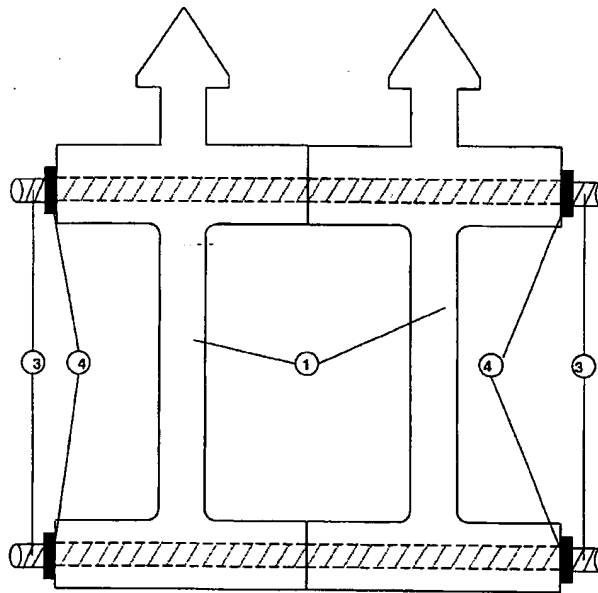
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(54) Title: **EASILY MOUNTABLE FENCE, DUE TO THE METHOD USED**



(57) Abstract: The fence, which can easily be set up, in general, comprises of a fence module (1), the slots/recesses (2), through which the connecting element (3) passes and that provides the connection and the fixing nut (4); and in the end all these are being combined together to form the fence.

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INSTRUCTIONS**EASILY MOUNTABLE FENCE, DUE TO THE METHOD USED**

- 5 This innovation, is related to a fence, which is gathered together by using connection element, which provides a practical erection (setting up), which does not require an extra maintenance cost, due to its production method and which can be used for the purpose of garden and building surrounding wall, both by itself alone or together with concrete and stone wall, etc.
- 10 Human beings are using various border defining methods since many years for the purpose of defining the borders of the buildings, lands and real estates that belong to themselves. They have used wooden and metal fences, barbed wire, concrete and stonewalls to determine the borders of the land that belong to themselves. However, along with the being short of the lifetime of the
- 15 wooden fences, the being difficult of the construction of the concrete fences, the wearing of the metal wire fence in the course of time and the causing of it to unwanted injuries, have pushed the human beings to work on other products that are more durable, easier to set up and cost less due to reasons like the being impossible of transporting (carrying) of some of these to other
- 20 places after using these where they have been originally set up and the being inefficient of some of these to use again. Apart from this, the temporary surrounding of a piece of land may be necessary in some cases. The use of concrete, wire and wooden fence for this purpose is far from being preferable. On the other hand, the metal fences, are being produced in the form of a
- 25 single piece, like a mould, and due to this reason, these cause serious cost and loss of time, in case of even a small shift in the dimensions. In the light of all these, an era of effort to increase the quality of the products used, to increase its durability, the making more practical of these to use and lowering of the costs as much as possible has also been entered in this sector, like in
- 30 all sectors.

The purpose of this innovation, is being able to realize a fence that is produced by plastics injection method and that can easily be set up due to (thanks to) the connecting method used, since each one part is formed by their being able to be combined / assembled together (to each other) on the spot
5 and hence that can be adjusted to the required dimension in accordance with the area where it will be used.

The fence modules, which may easily be assembled and that has been realized to attain these purposes, have been shown in the following figures.

These figures are :

- 10 Figure 1 : The front view of a single fence module,
Figure 2 : The side view of a single fence module,
Figure 3 : The combined view of the fence modules.

The parts and the sections in the figures have been numbered one by one and the corresponding counterparts of these numbers have been given herein
15 below.

- (1) – fence module,
 - (2) – slot,
 - (3) – connecting element,
 - (4) – fixing nut.
- 20 The fence module (1) that can easily be set up, in general, comprises of the fence module (1), which is produced from colored plastics raw material by plastics injection method and that has slots / recesses (2), both in the upper and in the lower parts of it, the connecting element (3) that realizes the connecting process bay passing it through these slots / recesses (2) and a
25 fixing nut (4).

The fence modules (1), which are made from plastics raw material and that has slots / recesses (2), with sufficient widths, in which the connecting elements (3) at the bottom or at the top or both bottom and also on the top, depending on the need may fit, are being brought together and the connecting

element(s) (3), is (are) being passed through these slots / recesses and these are fixed by the fixing nuts (4) from both sides and hence the required no. of fence modules are being added up together to each other and the fence is being completed.

CLAIMS

Claims 1: The fence is a fence, which is being produced from colored raw plastics material, by plastics injection moulding technique and the property of the fence is that it comprises of the fence modules (1), the slots/ recesses (2) that take place on it, the connecting element (3) and the fixing nut (4).

Claims 2: is the fence in Claim 1 and its property is the being connected of the fence modules (1) by fitting the connecting element (3), through the slots/recesses that take place on the fence modules (1) and their being fixed by the fixing nut (4).

Claims 3: is the fence in the Claims 1 and its property is the having of the slots/recesses (2) on the top or at the bottom or both at the top and at the bottom of each one of the fence module (1) that form the fence.

Claims 4: is the fence in Claim 1 and its property is the connecting element (3), which is used in connecting the fence modules (1) together and also which have been designed to pass through the slots / recesses (2) on the fence modules (1) and which has groove(s) on it.

Claims 5: is the fence in the Claim 1 and its property is the nut (4). Which is being used for the fixing of the fence modules (1) that have been connected to each other by the connecting element (3) and also having toothed of the connecting element (3) and being designed of it to pass through the connecting element (3).

Claims 6: is the fence in the Claim 1 and its property is the being adjustable of its length in the area where it is being set up, due to the being usable of the required no of fence modules (1).

Claims 7: is the fence in the Claims 1 and its property is the being light of it in its weight, due to the plastics raw material that is used in its production, its having fixed color and its not needing extra maintenance.

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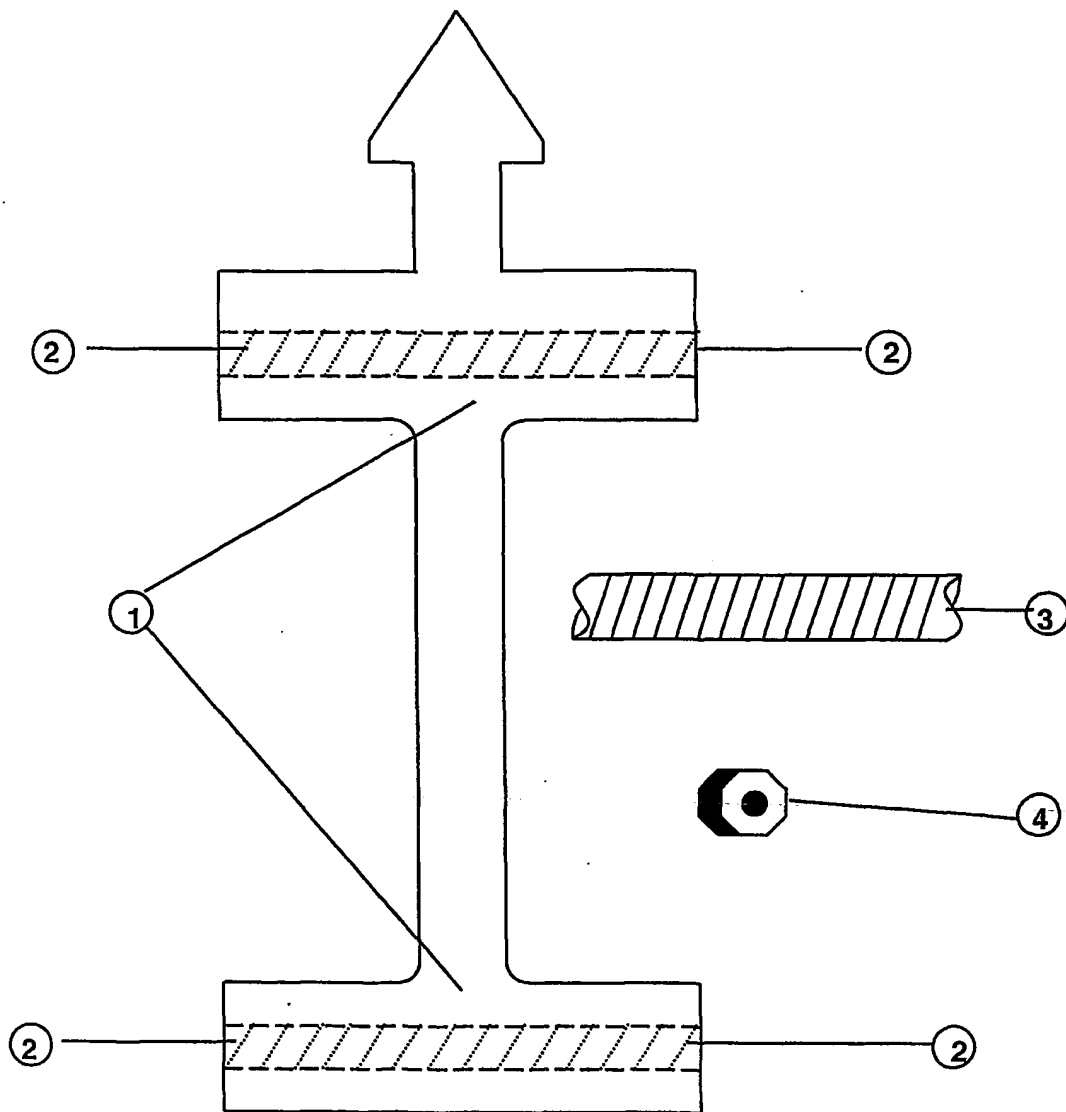


Figure 1

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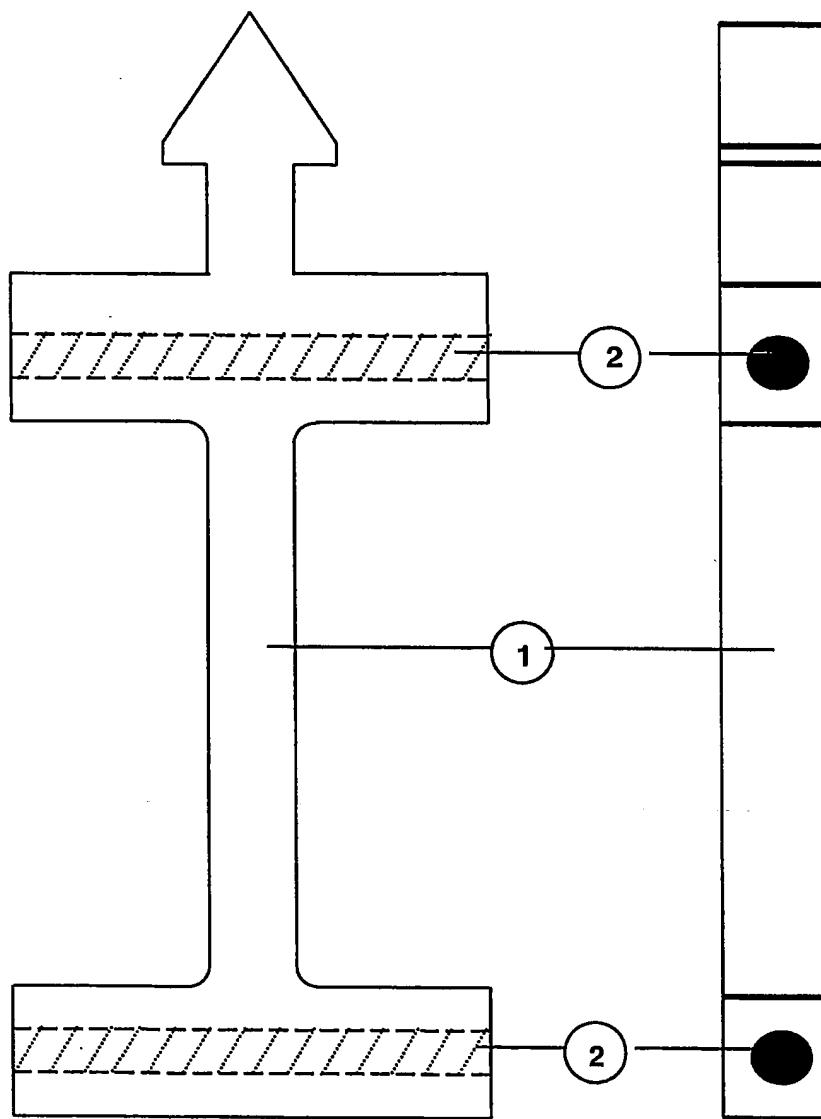


Figure 2

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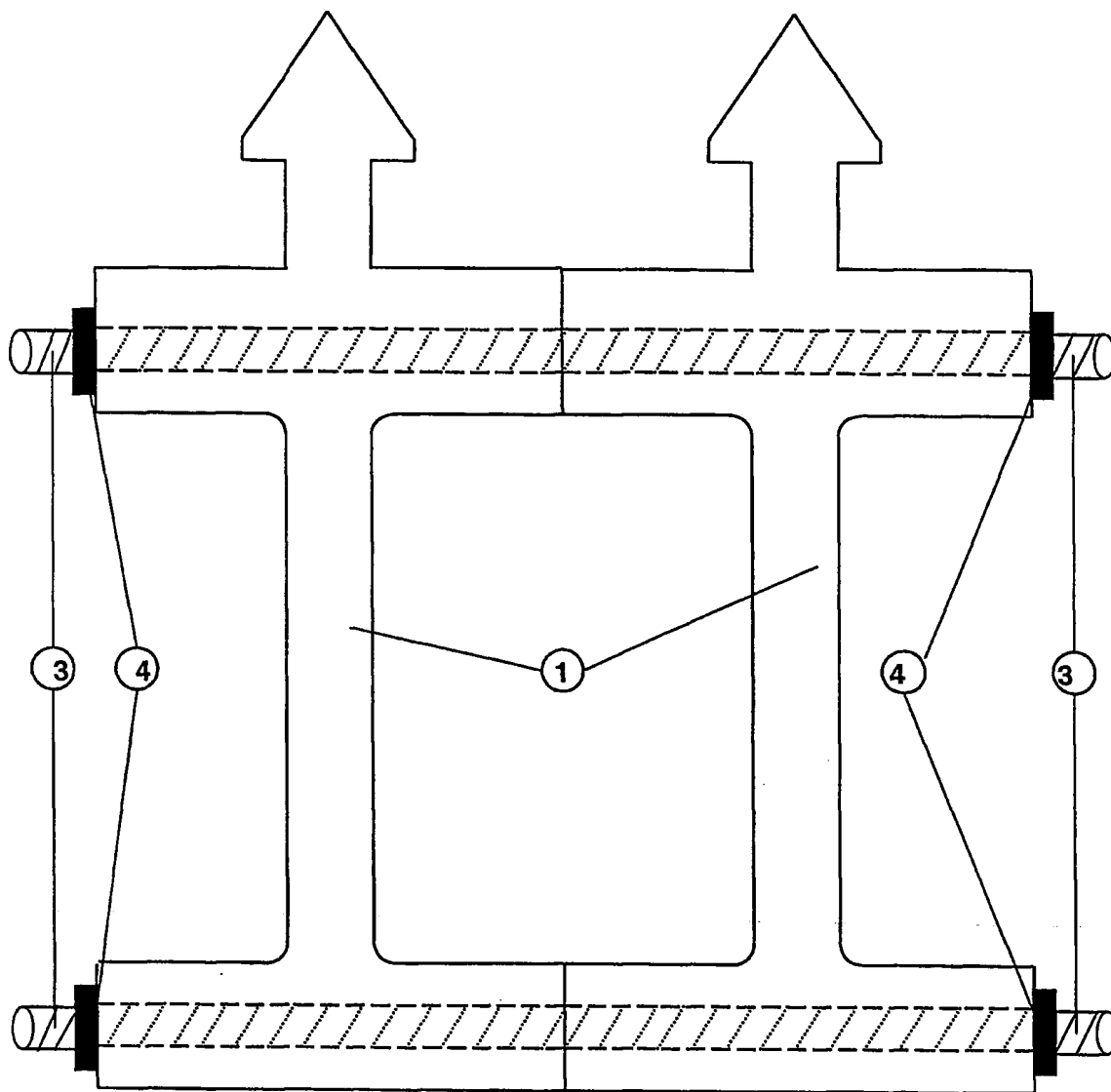


Figure 3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E04H17/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 615 268 A (GILLY) 18 November 1988 (1988-11-18) the whole document	1-7
A	US 3 892 387 A (MANN) 1 July 1975 (1975-07-01) column 2, line 14 -column 4, line 11; figures	1-4,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/TR 02/00067

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
FR 2615268	A	18-11-1988	FR	2615268 A1	18-11-1988
US 3892387	A	01-07-1975	US	3892056 A	01-07-1975